

Date: Sun, 17 Apr 94 04:30:22 PDT  
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>  
Errors-To: Ham-Homebrew-Errors@UCSD.Edu  
Reply-To: Ham-Homebrew@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Homebrew Digest V94 #101  
To: Ham-Homebrew

Ham-Homebrew Digest                      Sun, 17 Apr 94                      Volume 94 : Issue 101

Today's Topics:

                    peanut-sized tubes info pls.  
                                QRP Help  
                    R2 T2 pcb source wanted  
                    Wanted: TNC plans or kit  
            what can cause chirp in homebrew CW transmitter?

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>  
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Sat, 16 Apr 1994 18:31:56 GMT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!cs.utexas.edu!  
          gerald@cc.utexas.edu!portal.austin.ibm.com!awdprime.austin.ibm.com!  
          sehneg@network.ucsd.edu  
Subject: peanut-sized tubes info pls.  
To: ham-homebrew@ucsd.edu

I have come across some old subminiature tubes. They are 5 wire (yes, no pins  
actually wires!!) They look to be triode and I suspect they are from the era

of the tube-type walkie talkies. They are direct drive filaments (no cathode)  
and I haven't the faintest on the specs (plate voltage, plate current, fil.etc)

I suspect the filament is about 1.5v and plate maybe 22.5 or 45v. am I close?

I don't think there were too many types perhaps someone would be kind enough  
to email me some info. They would make a fun QRP project. Thanks in advance,  
GARY. N2KTY

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Date: 16 Apr 94 18:02:25 CST  
From: ihnp4.ucsd.edu!swrinde!news.uh.edu!ccsvax.sfasu.edu!ccsvax.sfasu.edu!  
f\_speerjr@network.ucsd.edu  
Subject: QRP Help  
To: ham-homebrew@ucsd.edu

In article <40278.wosborne@nmsu.edu>, <wosborne@nmsu.edu> writes:  
> I have been thinking about QRP operation and I was wondering how you  
> demonstrate the 5 watt output for the WAS and other awards to ARRL? What is  
> the most popular watt meter for QRP operation? Is it really any fun?  
> Thanks for the advice. 73 Bill AA5ZQ

Various handbooks and other QRP publications have good plans for QRP watt meters. I'm using the MFJ971, which seems to work well, and has the added advantage of the typical MFJ cross-needle meter, providing simultaneous forward power, reverse power, and SWR measurements. A lot of people would probably say that a Byrd watt meter with appropriate, low-power element would be the most accurate.

I find QRP LOTS of fun; it's like recovering your lost youth, when every contact was exciting. I suspect, though, that QRP is most enjoyed by folk who have already done a lot of other kinds of hamming, so that they get that return-to-the-simple-pleasures effect.

I don't chase awards, but believe ARRL and whoever else just takes your word for output power. It's just a hobby, after all; who would you be cheating but yourself?

Cheers & 72 (QRP for 73)  
Jim  
K5YUT

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Date: 16 Apr 94 11:56:04 GMT  
From: hp81.prod.aol.net!search01.news.aol.com!not-for-mail@uunet.uu.net  
Subject: R2 T2 pcb source wanted  
To: ham-homebrew@ucsd.edu

In article <1994Apr14.132347.26126@news.mentorg.com>, jbate@rtp-nc.mentorg.com (John Bate) writes:

>I'm trying to find a source for the R2 and T2 pcb as  
>mentioned in the 1/93 and 4/93 QST articles (by Rick  
>Campbell).

>The source given in the articles seems to have disappeared  
>and left no forwarding address.

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Date: Sat, 16 Apr 1994 11:36:26 -0400  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!usenet.ins.cwru.edu!magnus.acs.ohio-  
state.edu!cis.ohio-state.edu!news.sei.cmu.edu!bb3.andrew.cmu.edu!andrew.cmu.edu!  
rg36+@network.ucsd.edu  
Subject: Wanted: TNC plans or kit  
To: ham-homebrew@ucsd.edu

I have a Macintosh Powerbook 140 I'd like to use for packet. Could  
someone point me toward plans or a kit for a TNC that would give me  
basic packet capabilities?

Thanks,

Rick Gilmore  
N3QL0

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Date: 16 Apr 94 17:50:49 CST  
From: ihnp4.ucsd.edu!swrinde!news.uh.edu!ccsvax.sfasu.edu!ccsvax.sfasu.edu!  
f\_speerjr@network.ucsd.edu  
Subject: what can cause chirp in homebrew CW transmitter?  
To: ham-homebrew@ucsd.edu

In article <mac.766420641@depot.cis.ksu.edu.cis.ksu.edu>, mac@cis.ksu.edu (Myron  
A. Calhoun) writes:

> I recently built a 6L6 CW xmtr of rather standard design, and, while it  
> works OK on 80 meters, it chirps like a bird on 40 and above. The power  
> supply is hefty and well-regulated, so I'm pretty sure that a "soft"  
> supply can't be the problem. Besides, a t about 15 watts, I'm not  
> pushing any performance envelope. The chirp is consistent over tube  
> and xtal changes.

>

> My current guess is that maybe a capacitor is heating, but I haven't  
> started swapping them out yet. Does anyone have another idea?

>

> --Myron.

Don't think it's heating capacitors -- values would have to change very fast to  
produce chirp, though they'd surely account for slower drift.

I'd carefully monitor the high voltage key-up and key-down. Maybe a regulator

is bad, and it \_sure\_ sounds like a power supply problem.

Cheers & 73,  
Jim  
K5YUT

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Date: (null)  
From: (null)  
73 de JimN00CT

ENTROPY AINT WHAT IT USED TO BE!

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End of Ham-Homebrew Digest V94 #101  
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